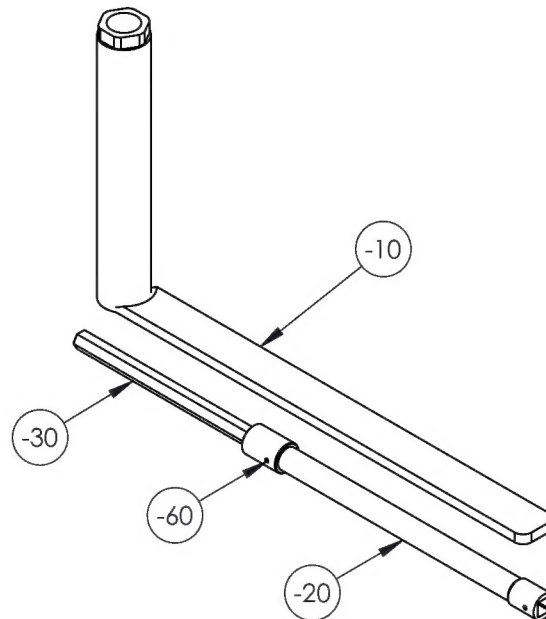


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-50 ADDED OVERALL DIM, CH'D TEXT.	4/24/2009	RJC	RW
2		-30 ADDED REFERENCE DIM Ø.705. -50 CH'D I.D. FROM .718.	6/23/2011	RJC	RW
3	15-0310	-10 ADDED WELDMENT. -20 CORRECTED B/O INFO WAS PROTO #5261 IS PROTO #J5261 (MSC #85214161) MODIFIED. -30 CORRECTED B/O INFO WAS PROTO #4990 IS PROTO #J4990 3/8XL (MSC #84967330) MODIFIED. -40 CH'D MATERIAL CALLOUT WAS 1018 IS 1018/1020. CH'D TITLEBLOCK TOLERANCE. -60 ADDED B/O P/N MCMASTER-CARR #98296A849.	9/24/2015	RJC	JAG

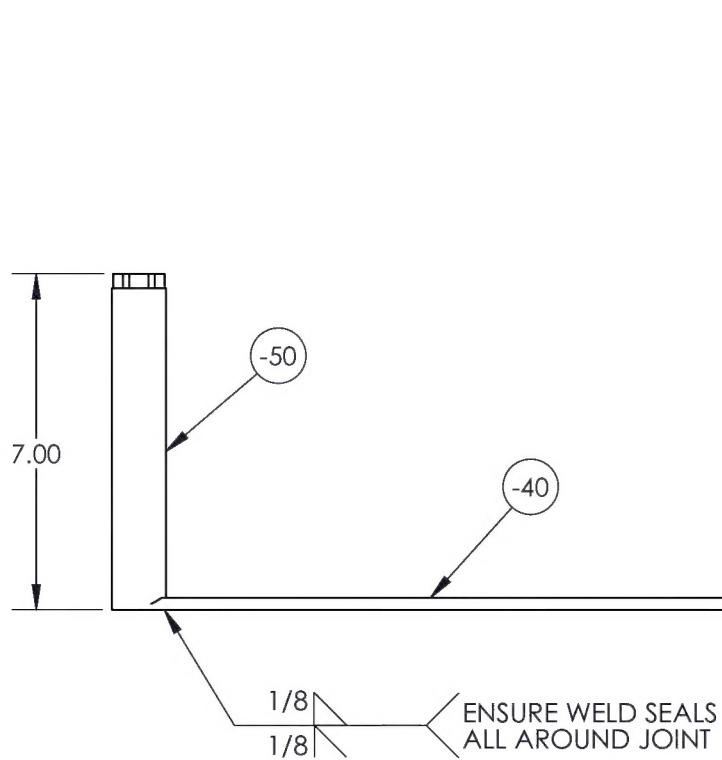


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-10	1	HANDLE WELDMENT			2
			-20	1	EXTENSION	STEEL	3/8dr. X 8 PROTO #J5261 (MSC #85214161) MODIFIED	3
			-30	1	LONG HEX BIT SOCKET	STEEL	3/8dr. 3/8 X 6-3/32 PROTO #J4990 3/8XL (MSC #84967330) MODIFIED	4
	1		-40		HANDLE	1018/1020		5
	1		-50		TUBE	CDS OR DOM		6
		B/O	-60	1	ROLL PIN	STEEL	Ø3/32 X 5/8 (MCMASTER-CARR #98296A849)	1
	ASSY -10							

<b>DART</b> AEROSPACE	
TITLE <b>CLUTCH REMOVAL TOOL</b>	
DWG NO. <b>RBF5450-501-1</b>	REV <b>3</b>
MAT'L <b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1</b>	DRAWN BY: <b>COLE</b>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	APPROVED <i>D Weil</i>
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH
SCALE <b>1:4</b>	SPEC
DATE <b>9/1/2000</b>	USED ON MODEL <b>MD 369</b>
SHEET 1 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0310	-10 ADDED WELDMENT.	9/24/2015	RJC	JAG

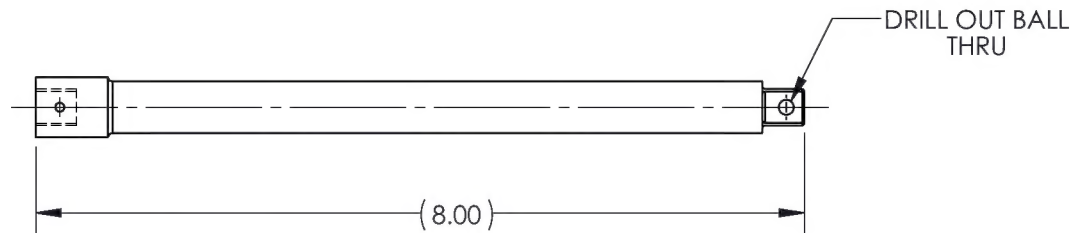
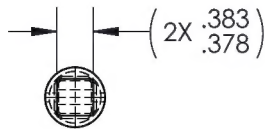
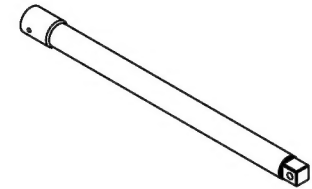


(-10)  
HANDLE WELDMENT

<b>DART</b> AEROSPACE	
TITLE CLUTCH REMOVAL TOOL	
DWG NO. RBF5450-501-1-10	REV 3
MAT'L	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD 369
SCALE 1:4	DATE 9/1/2000
SHEET 2 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0310	-20 CORRECTED B/O INFO WAS PROTO #5261 IS PROTO #J5261 (MSC #85214161) MODIFIED.	9/24/2015	RJC	JAG



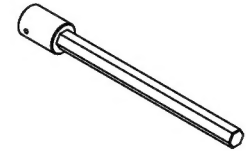
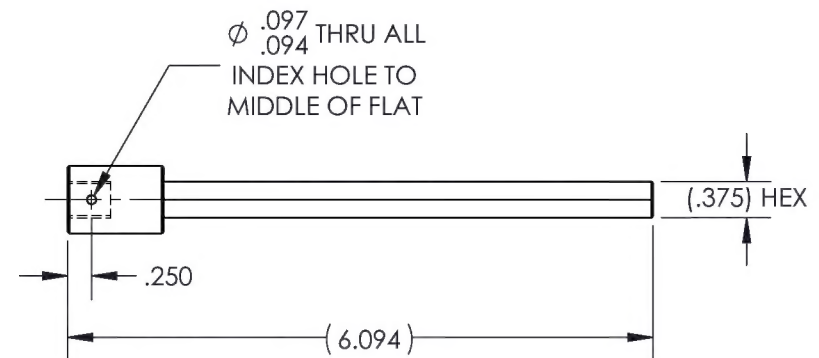
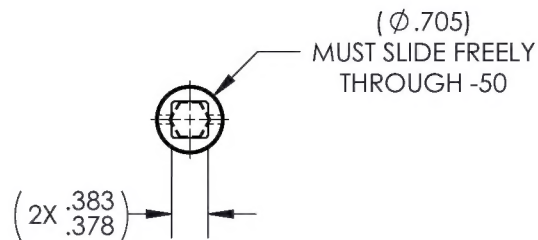
(-20)

EXTENSION

<b>DART AEROSPACE</b>	
TITLE <b>CLUTCH REMOVAL TOOL</b>	
DWG NO. <b>RBF5450-501-1-20</b>	REV <b>3</b>
MAT'L STEEL	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	ANGLES ± 5°
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL MD 369
SCALE 1:2	DATE 9/1/2000
SHEET 3 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-30 ADDED REFERENCE DIM Ø.705.	6/23/2011	RJC	RW
3	15-0310	-30 CORRECTED B/O INFO WAS PROTO #4990 IS PROTO #J4990 3/8XL (MSC #84967330) MODIFIED.	9/24/2015	RJC	JAG



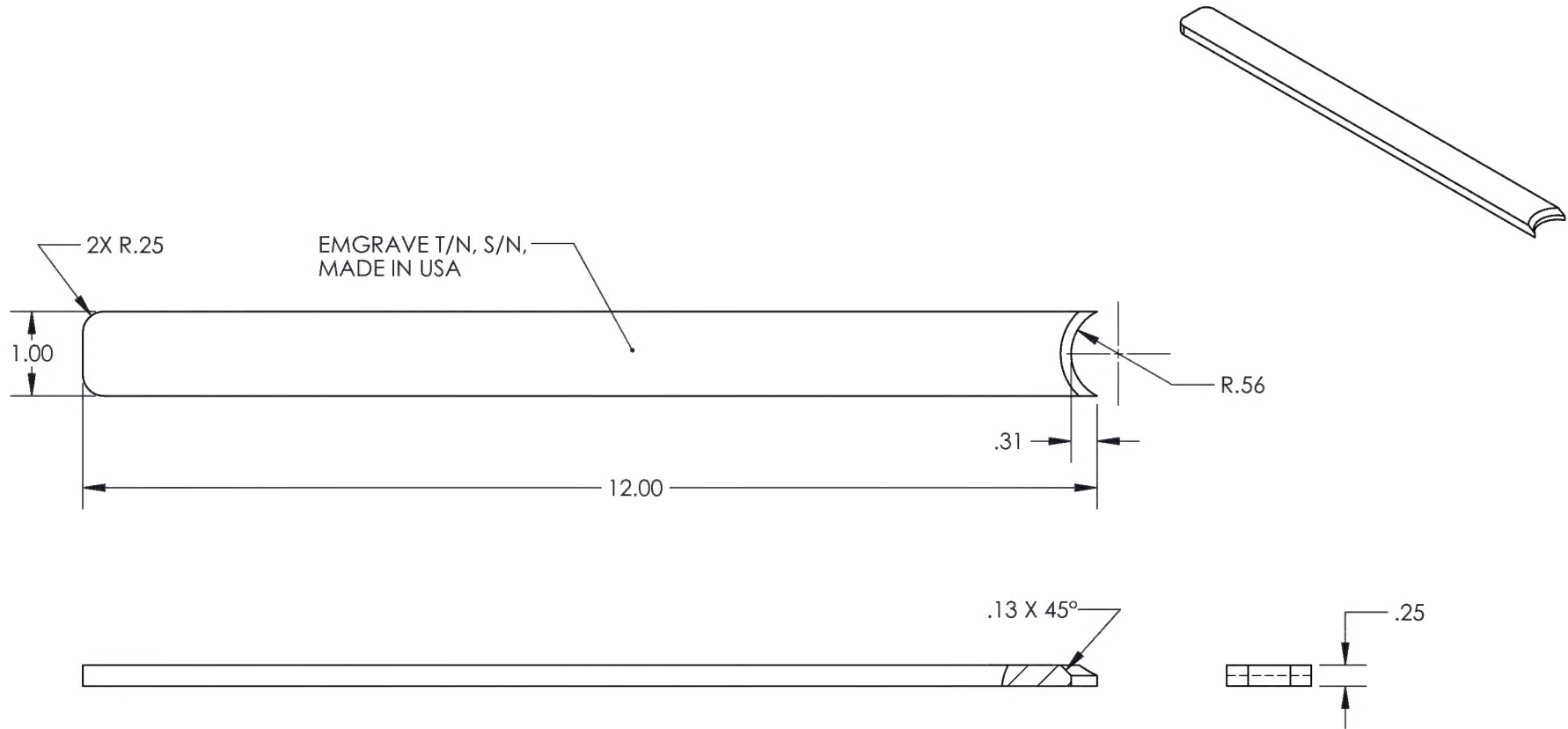
(-30)

LONG HEX BIT SOCKET

<b>DART AEROSPACE</b>	
TITLE <b>CLUTCH REMOVAL TOOL</b>	
DWG NO. <b>RBF5450-501-1-30</b>	REV <b>3</b>
MAT'L STEEL	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm$ .005	HEAT TREAT
.XX $\pm$ .01	FINISH
.X $\pm$ .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD 369
SCALE 1:2	DATE 9/1/2000
SHEET 4 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0310	-40 CH'D MATERIAL CALLOUT WAS 1018 IS 1018/1020. CH'D TITLEBLOCK TOLERANCE.	9/24/2015	RJC	JAG

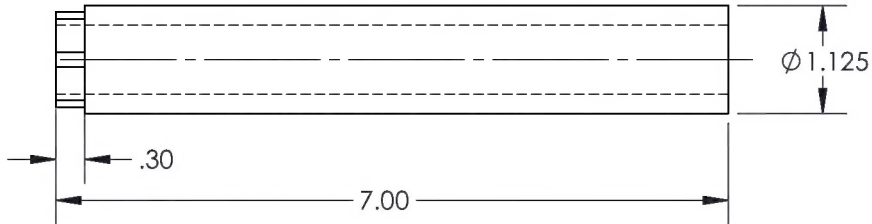
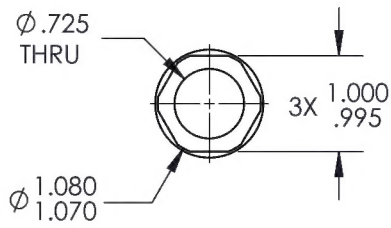
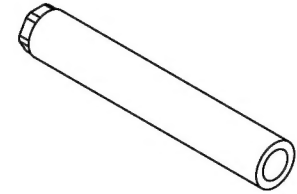


(-40)  
HANDLE

<b>DART AEROSPACE</b>	
TITLE <b>CLUTCH REMOVAL TOOL</b>	
DWG NO. <b>RBF5450-501-1-40</b>	REV <b>3</b>
MAT'L 1018/1020	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .010 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .03 ANGLES ± 5°	FINISH SEE -10
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD 369
SCALE 1:2	DATE 9/1/2000
SHEET 5 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-50 ADDED OVERALL DIM, CH'D TEXT.	4/24/2009	RJC	RW
2		-50 CH'D I.D. FROM .718.	6/23/2011	RJC	RW



(-50)

TUBE

<b>DART AEROSPACE</b>	
TITLE <b>CLUTCH REMOVAL TOOL</b>	
DWG NO. <b>RBF5450-501-1-50</b>	REV <b>3</b>
MAT'L CDS OR DOM	DRAWN BY: <b>COLE</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -10
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	MD 369
SCALE 1:2	DATE 9/1/2000
SHEET 6 OF 6	